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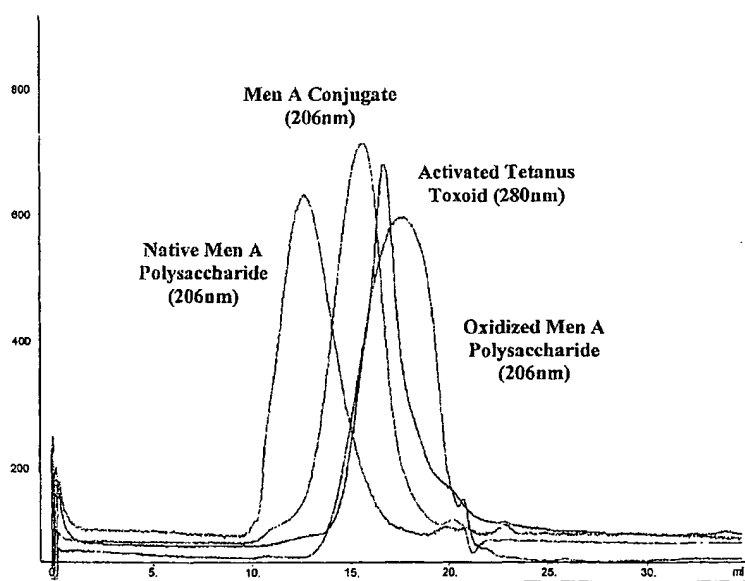
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(54) Title: **PROCESS FOR PREPARING POLYSACCHARIDE-PROTEIN CONJUGATE VACCINES**



(57) Abstract: Methods for the manufacture of polysaccharide-protein conjugate vaccines at high yield are provided. The methods involve reaction of a hydrazide group on one reactant with an aldehyde group on the other reactant. The reaction proceeds rapidly with a high conjugation efficiency. Simplified purification processes can be employed to separate the conjugate product from the unconjugated protein and polysaccharide and other small molecule by-products.



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